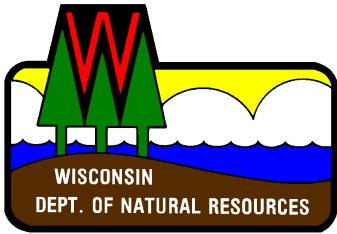
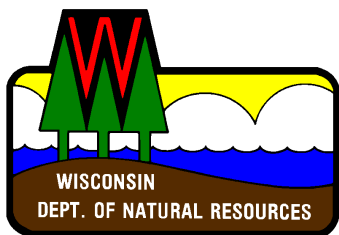


Attainment Demonstration for the 1-Hour Ozone Standard



Contact Information

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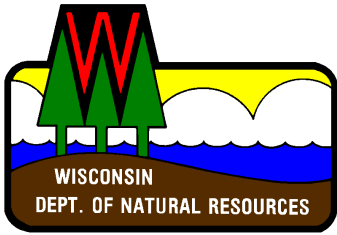
Attainment Demonstration for the 1-Hour Ozone Standard

◆ What Is It?

- ◆ A State Implementation Plan (SIP)
- ◆ Shows How State will Comply with 1-Hour Ozone Standard by 2007

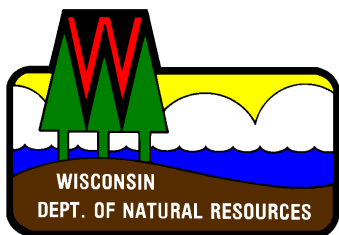
◆ Why Is It Required?

- ◆ Wisconsin does not meet the 1-Hour Standard
- ◆ Plan is Required by the 1990 Clean Air Act Amendments



Attainment Demonstration for the 1-Hour Ozone Standard

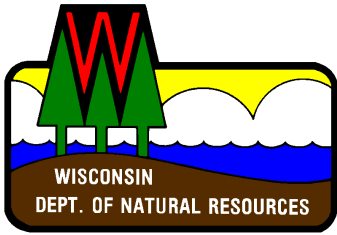
- ◆ Plan Does Not Address
 - ◆ 8-Hour Ozone Standard
 - ◆ Interstate Transport



Attainment Demonstration for the 1-Hour Ozone Standard

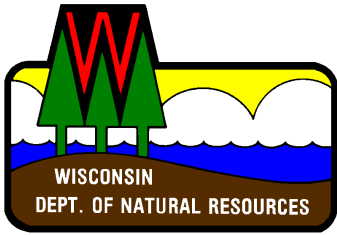
◆ Summary of Plan

- ◆ Modeled Demonstration of Attainment
- ◆ Rate-of-Progress in 8 Counties
- ◆ Excess Emission Fee in 6 Counties
- ◆ VOC RACT in 9 Counties



Modeled Attainment Demonstration

- ◆ Shows Attainment w/ Standard
 - ◆ 128 ppb, USEPA Statistical Test Allows 130
 - ◆ July 20, 1991 Critical Day
- ◆ Plan Relies Heavily on Upwind Controls
 - ◆ NO_x SIP Call
 - ◆ Tier 2 Motor Vehicle Emission Standards
 - ◆ Low Sulfur Gasoline
 - ◆ Diesel Defeat Device Consent Decree



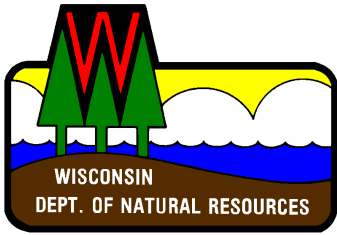
Rate-of-Progress

◆ Power Plant Limits

◆ 5 Facilities

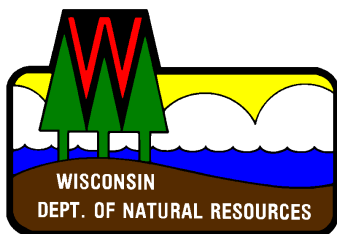
◆ 30 Day Rolling Average

- 2002 - 0.33 lbs/MMBTU
- 2003 - 0.31 lbs/MMBTU
- 2004 - 0.30 lbs/MMBTU
- 2005 - 0.29 lbs/MMBTU
- 2006 - 0.29 lbs/MMBTU
- 2007 - 0.28 lbs/MMBTU



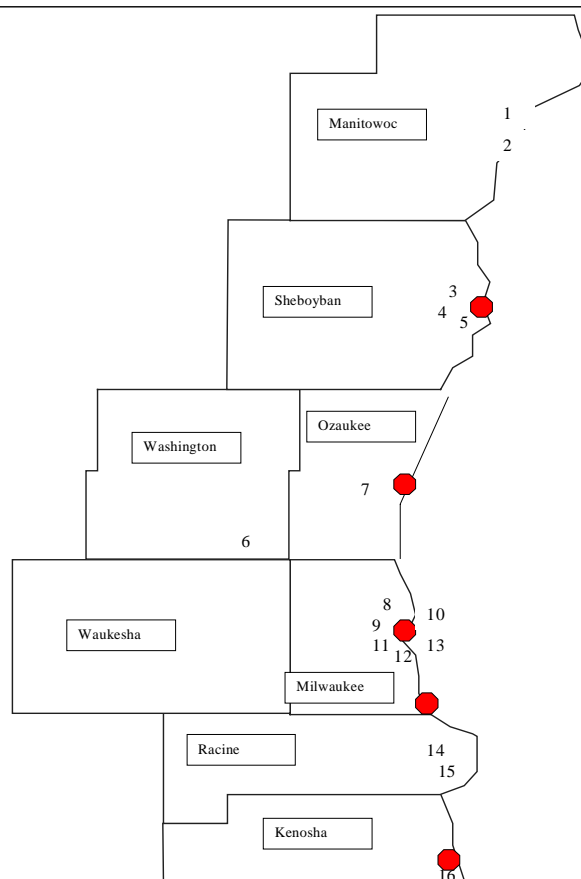
Rate-of-Progress

- ◆ Existing Industrial Source Performance Standards
 - ◆ 16 Facilities in 8 Counties
 - ◆ Effective December 31, 2002
 - ◆ Largest Sources - Emission Limits
 - ◆ Medium Sources - Optimization



Rate-of-Progress

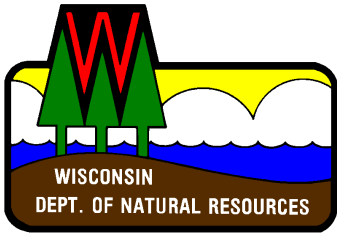
Facilities Reducing NOx Emissions to Meet the Ozone Attainment Plan



Utility Facilities with Boilers > 500 mmbtu/hr

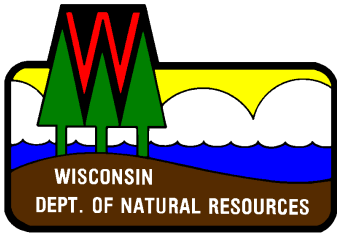
Edgewater
Port Washington
Valley
Oak Creek
Pleasant Prairie

Key	Facility
1	Manitowoc Public Utility
2	Rockwell Lime
3	Kohler
4	Plastics Engineering
5	ANR Pipeline
6	WEPCO - Germantown
7	Charter Steel
8	DOA / UW Milwaukee
9	Mid-American Drum
10	Miller Brewing Company
11	Milwaukee Co Power Plant
12	Pfister and Vogel Leather
13	Wisconsin Paperboard
14	Ball & Foster Glass
15	Case Corporation
16	WEPCO - Paris



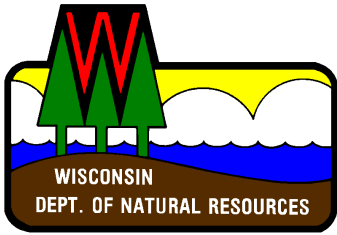
Rate-of-Progress

- ◆ New Source Performance Standards
 - ◆ 6 Counties
 - ◆ Effective Immediately
 - ◆ Based on Equipment Size
 - ◆ Limitations Beyond Federal NSPS
 - ◆ Not as Stringent as BACT or LAER



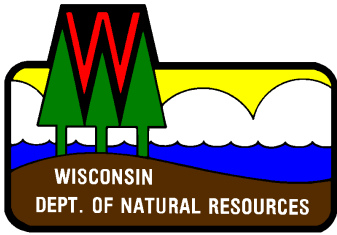
Rate-of-Progress

- ◆ NO_x I/M Cutpoints
 - ◆ 7 Counties
 - ◆ Effective May 1, 2001
 - ◆ Increases Failure Rate to 12%



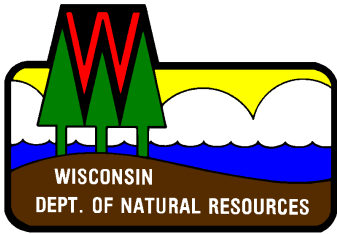
Excess Emission Fee

- ◆ 6 Counties
- ◆ Invoked in 2008 in the Event of an Attainment Failure
- ◆ \$5000/ton for Excess VOC Emissions
- ◆ DNR Will Remove Requirement if Early Attainment



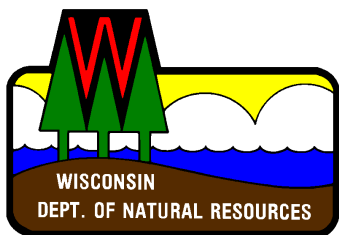
VOC RACT

- ◆ 9 Counties
- ◆ Industrial Clean-Up Solvents - Rule
- ◆ Ink Manufacturing - Administrative Order
- ◆ Plastic Parts Coating - Trailer Rule



NO_x Waiver - 182(f)

- ◆ Waiver Stays in Place
- ◆ Additional Emission Reductions Are Not Needed for Attainment
- ◆ No Offsets
- ◆ No LAER
- ◆ No RACT for Major Sources (Beyond the Existing Source Performance Standards)



Attainment Demonstration for the 1-Hour Ozone Standard

◆ Schedule

- ◆ December 27, 2000 Plan Submitted to EPA
- ◆ January 2001 EPA's Completeness Check
- ◆ February 2001 State Rules Become Effective
- ◆ May 2001 EPA Proposes Approval
- ◆ October 2001 EPA's Final Approval